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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/591,896

09/07/2006

Recep Tarhan

3759

3414

278

7590

07/21/2010

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EXAMINER

RASHID, MAHBUBUR

ART UNIT

PAPER NUMBER

3657

NOTIFICATION DATE

DELIVERY MODE

07/21/2010

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

striker@strikerlaw.com

Office Action Summary	Application No. 10/591,896	Applicant(s) TARHAN ET AL.	
	Examiner MAHBUBUR RASHID	Art Unit 3657	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 September 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) 13-21 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07 September 2006 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>09/07/2006</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Election/Restrictions

Applicant's election with traverse of species A in the reply filed on 04/07/2010 is acknowledged. The traversal is on the ground(s) that different species can be prosecuted in a single application if they have a common inventive idea. This is not found persuasive because each of the species includes different structural elements thus it requires a different field of search and/or the prior art applicable to one species would not likely be applicable to another species.

The requirement is still deemed proper and is therefore made FINAL.

Claims 18 and 21 are withdrawn from further consideration pursuant to 37 CFR 1.142(b), as being drawn to a nonelected Species B (Figs, 4 and 5), there being no allowable generic or linking claim. Applicant timely traversed the restriction (election) requirement in the reply filed on 04/07/2010.

Information Disclosure Statement

An information disclosure statement (IDS) was submitted on 09/07/2006. Accordingly, the examiner has considered the information disclosure statement, see attached 1449.

Drawings

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, **the indentations and**

radially extending raised areas must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Objections

Claim 10 is objected to because of the following informalities: In line 3 of the claim "(56), spring" should be -(56) and spring-. Appropriate correction is required.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 6 and 12 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 6 recites the limitation "the barrier housing" in line 2. There is insufficient antecedent basis for this limitation in the claim.

Regarding claim 12, the language is not clear and confusing to understand which of the two blocking elements is made at least in part of plastic.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 2, 5 and 10-12 are rejected under 35 U.S.C. 102(b) as being anticipated by Harting et al. (US 6,269,917 B1).

Regarding **claim 1**, Harting discloses a blocking device (figs. 1-3) for (intended of use) blocking a rotary motion of a shaft (2) relative to a housing of a gear-drive unit, having a first blocking element (1) and a second blocking element (3) which latter is displaceable relative to the first blocking element by means of at least one

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electromagnet (figs. 1-2; (7)) and at least one restoring element (4), characterized in that the blocking elements (1 and 3) in the blocked state mesh in the axial direction with one another by form locking (11 and 31), and the blocking device is embodied as a separate (fig. 3), independent structural unit, which can be mounted (intended of use) as a unit onto the housing on the one hand and onto the shaft on the other.

Re-claim 2, see indentations (11) and raised (31) areas of the blocking elements.

Re-claim 5, see the electromagnet during the blocked state and the rotating state (see col. 3, lines 25-41).

Re-claim 10, see an electrical contacting means (col. 3, lines 19-24) and spring elements (4).

Re-claim 11, see a coil holder and axial guide elements (see fig. 3; (3), (7), (6)).

Re-claim 12, see the second blocking element is made at least in part of an elastomer/plastic (col. 4, lines 34-35).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of

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the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Harting et al. (US 6,269,917 B1) in view of Pfann et al. (US 6,459,182 B1).

Regarding **claim 3**, Harting discloses all claimed elements as set forth above but fails to disclose claimed housing insertable into a housing of a gear-drive unit.

However, Pfann discloses electric motor with brake including a housing that holds braking or blocking portion (see fig. 3) is insertable into the motor housing (see fig. 3). It would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the housing arrangement as taught by Pfann for the system of Harting is an engineering design choice as such arrangement will allow an easy excess to the internal elements and also the housing with blocking device can easily be configured to use in the housing of different drive unit.

Regarding **claims 4 and 6-9**, the modified system of Harting fails to explicitly disclose the toothing areas, axial extensions, stop disk, and hook for clamping as claimed. However, the system of Pfann teaches toothing areas (fig. 4), axial extensions (see fig. 5) where an axial extension the top portion of the element (20) is braced against the bottom surface of the stop disk (6) that is clamped by the hook portion (29).

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It would have been obvious to one of ordinary skill in the art at the time the invention was made to provide such toothing areas, axial extensions, stop disk, and hook for clamping as taught by Pfann is an engineering design choice as such arrangement will provide strong connection between the blocking element, shaft and the housing and also such arrangement will allow to replace each element individually if damage without to replace the entire blocking system thus it makes the system more cost efficient.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MAHBUBUR RASHID whose telephone number is (571)272-7218. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Siconolfi can be reached on (571) 272-7124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/M. R./
Examiner, Art Unit 3657

/Bradley T King/
Primary Examiner, Art Unit 3657